

# STN search history

ENTER ANSWER NUMBER OR RANGE (1):1  
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L32 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2000:416718 CAPLUS

DN 133:52942

TI Continuous size-exclusion chromatography in simulated moving bed for separation of large molecules

IN Britsch, Lothar; Schulte, Michael; Stube, Jochen

PA Merck Patent G.m.b.H., Germany

SO Ger. Offen., 12 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19858892	A1	20000621	DE 1998-19858892	19981219
	WO 2000037156	A1	20000629	WO 1999-EP9495	19991204
	W: CZ, JP, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 1140316	A1	20011010	EP 1999-963388	19991204
	EP 1140316	B1	20051026		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 2002532730	T2	20021002	JP 2000-589262	19991204
	AT 307649	E	20051115	AT 1999-963388	19991204
	US 6551512	B1	20030422	US 2001-857975	20010613 <--
PRAI	DE 1998-19858892	A	19981219		
	WO 1999-EP9495	W	19991204		

AB A continuous separation of large (biol.) mols. is carried out by a simulated moving bed process in which the analyte is separated by size-exclusion chromatog. The method was used for the separation of milk proteins from powdered skim milk using Fractogel EMD BioSEC column. The proteins separated included two casein fractions,  $\beta$ -lactoglobulins A, and  $\alpha$ -lactalbumins.

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FILE 'CAPLUS, MEDLINE' ENTERED AT 13:06:16 ON 08 JUN 2006

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L1 275057 SEA BUFFER
L2 6538 SEA L1 AND PRODUCTION
L3 194 SEA L2 AND CONTINUOUS
L4 0 SEA L3 AND SIMULATED(3A) MOVING
L5 6 SEA L3 AND SIMULATED
    D L5 IBIB ABS
L6 20 SEA L2 AND HUMAN(2A) SERUM(2A) ALBUMIN
L7 0 SEA L3 AND L6
L8 0 SEA L3 AND HUMAN(2A) SERUM(2A) ALBUMIN
L9 1187 SEA SIMULATED(3A) MOVING
L10 364 SEA L9 AND BED(2A) CHROMATOGRAPHY
L11 15 SEA L10 AND PROTEIN
L12 4 SEA L11 AND BUFFER
    D L12 IBIB ABS 1-4
  
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L13 1 SEA WO 2000037156/PN,APPS

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L14 TRA L13 1- PN : 6 TERMS

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L15 7 SEA L14  
L16 1 SEA L15 AND US/PC  
SEL PN  
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L23 1 SEA US 2001-857975/PN,APPS

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FILE 'CAPLUS' ENTERED AT 13:20:55 ON 08 JUN 2006

L24 TRA L23 1- PN : 6 TERMS

FILE 'INPADOC' ENTERED AT 13:20:56 ON 08 JUN 2006

L25 7 SEA L24  
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SEL PN  
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     597151 PRODUCTION  
 L33 94 BUFFER(5A) PRODUCTION

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 L34 29 L33 AND ACID

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     666362 BASE  
 L35 2 L34 AND BASE

=> s l33 and continuous  
     413385 CONTINUOUS  
 L36 0 L33 AND CONTINUOUS

=> s HSA and transgenic  
     5500 HSA  
     73105 TRANSGENIC  
 L37 86 HSA AND TRANSGENIC

=> s l37 and milk\  
     147342 MILK\  
         (MILK)  
 L38 23 L37 AND MILK\  
 => d ibib abs l38 1-23

L38 ANSWER 1 OF 23 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:824460 CAPLUS  
 DOCUMENT NUMBER: 143:223081  
 TITLE: Method for the production of an erythropoietin  
         analog-human IgG fusion proteins in **transgenic**  
         mammal **milk**  
 INVENTOR(S): Meade, Harry M.; Krane, Ian  
 PATENT ASSIGNEE(S): USA  
 SOURCE: U.S. Pat. Appl. Publ., 28 pp.  
         CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005181482	A1	20050818	US 2005-49853	20050203
WO 2005079232	A2	20050901	WO 2005-US3625	20050204
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,				